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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Complete if Known	
		Application Number	10/626,984
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	July 25, 2003
		First Named Inventor	Kawal, et al.
		Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	013.0207.US.UTL
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
/LH/ ↓ V		US-5,477,451	12/19/1995	Brown et al.	
		US-5,799,276	08/25/1998	Komissarchik et al.	
		US-5,867,799	02/02/1999	Lang et al.	
		US-6,026,397	02/15/2000	Sheppard	
		US-6,148,102	11/14/2000	Stolin	
		US-6,598,054	07/22/2003	Schuetze et al.	
		US-6,137,911	10/24/2000	Zhilyaev	
		US-2002/0184193	12/05/2002	Cohen	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	/Leon Harper/	Date Considered	05/25/2007
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³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/088 (10-01)
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Substitute for form 1449B/PTO		Complete If Known			
		Application Number	10/626,984		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	July 25, 2003		
		First Named Inventor	Kawai, et al.		
		Group Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	2	of	2	Attorney Docket Number	013.0207.US.UTL

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Citation No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	²
/LH/		D. SULLIVAN, "Document Warehousing And Text Mining, Techniques For Improving Business Operations, Marketing, And Sales," Chs. 1-3, Wiley Computer Publishing (2001).	
↓		LINHUI, JIANG, "K-Mean Algorithm: Iterative Partitioning Clustering Algorithm," http://www.cs.regina.ca/~linhui/K_mean_algorithm.html , (2001) Computer Science Department, University of Regina, Saskatchewan, Canada.	
		KANUGO et al., "The Analysis Of A Simple K-Means Clustering Algorithm," pp. 100-109, PROC 16th annual symposium of computational geometry (May 2000).	
		PELLEG et al., "Accelerating Exact K-Means Algorithms With Geometric Reasoning," pp. 277-281, CONF on Knowledge Discovery in Data, PROC fifth ACM SIGKDD (1999).	
		JAIN et al., "Data Clustering: A Review," Vol. 31, No. 3, ACM Computing surveys, (September 1999).	

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Complete if Known

Application Number	10/626,984
Filing Date	July 25, 2003
First Named Inventor	Kawai, K.
Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	013.0207.US.UTL

(Use as many sheets as necessary)

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/626,984
		Filing Date	July 25, 2003
		First Named Inventor	Kawai, K.
		Art Unit	2176
		Examiner Name	Unassigned
(Use as many sheets as necessary)		Attorney Docket Number	013.0207.US.UTL
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/LH/		CHRISTINA YIP CHUNG et al, "Thematic Mapping - From Unstructured Documents To Taxonomies," CIKM'02, November 4-9, 2002, pp. 608-610, ACM, McLean, Virginia, USA.	
		HIROYUKI KAWANO, "Overview of Mondou Web Search Engine Using Text Mining And Information Visualizing Technologies," IEEE, 2001, pp. 234-241.	
		JAMES OSBORN et al "JUSTICE: A Judicial Search Tool Using Intelligent Concept Extraction," ICAIL-99, 1999, pp. 173-181, ACM.	
		CHEN AN et al "Fuzzy Concept Graph And Application In Web Document Clustering," 2001, pp. 101-106, IEEE.	

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Application Number	10/626,984
Filing Date	7/25/2003
First Named Inventor	Kawai et al.
Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	013.0207.US.UTL

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	013.0207.US.UTL
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Application Number	10/626,984
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Art Unit	2176
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(Use as many sheets as necessary)

Sheet	2	of
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Attorney Docket Number	013.0207.US.UTL
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NON PATENT LITERATURE DOCUMENTS

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**Examiner
Signature**

/Leon Harper/

Date _____

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05/25/2007

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number	10/626,984
Filing Date	7/25/2003
First Named Inventor	Kawai et al.
Art Unit	2166
Examiner Name	Leon J. Harper
Attorney Docket Number	013.0207.US.UTL

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code ^a - Number ^a - Kind Code ^a (if known)				

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